

INACTIVE TYROSINASE (ALBINO PHENOTYPE)

Phe Met Gly Phe Asn Cys Gly Asn Ser Lys Phe Gly Phe Gly Gly Pro
5' TTC ATG GGT TTC AAC TGC GGA AAC TCT AAG TTT GGA TTT GGG GGC CCA 3'
3'AAG TAC CCA AAG TTG ACG CCT TTG AGA TTC AAA CCT AAA CCC CCG GGT 5'

+

A.

T GCGCG ug acg ccu uuG ACA Tuc aaa ccu aa T
T T Tyr-A
T T
T CGCGC | AC TGC GGA AAC TGT AAG TTT GGA TT T
3' 5' ↓

ACTIVE TYROSINASE (BLACK PHENOTYPE)

Phe Met Gly Phe Asn Cys Gly Asn Cys Lys Phe Gly Phe Gly Pro
5' TTC ATG GGT TTC AAC TGC GGA AAC TGT AAG TTT GGA TTT GGG GGC CCA 3'
3'AAG TAC CCA AAG TTG ACG CCT TTG ACA TTC AAA CCT AAA CCC CCG GGT 5'

B.

T GCGCG ug acg ccu uuG AGA Tuc aaa ccu aa T
T T Tyr-B
T T
T CGCGC | AC TGC GGA AAC TCT AAG TTT GGA TT T
3' 5'

FIG. 1

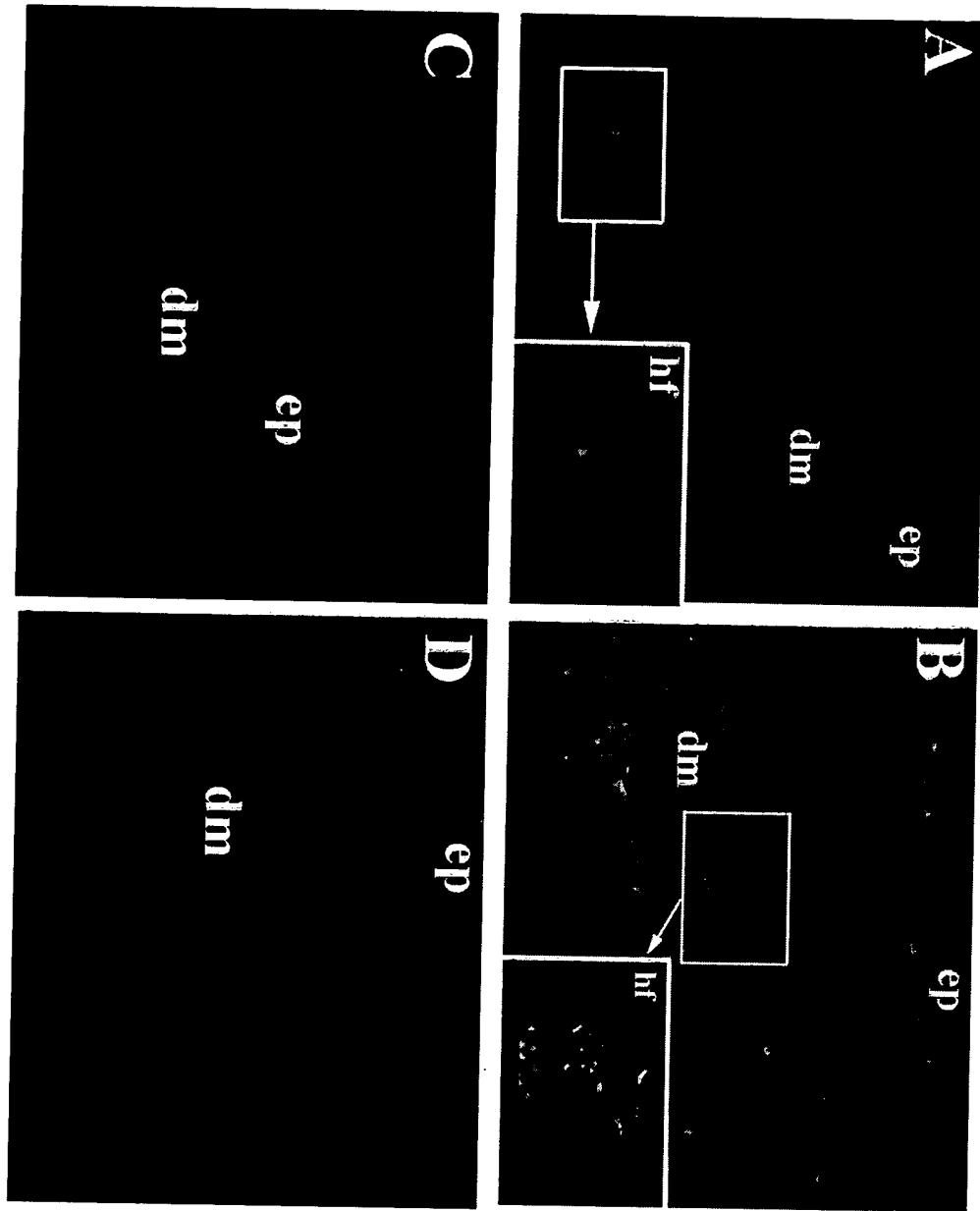
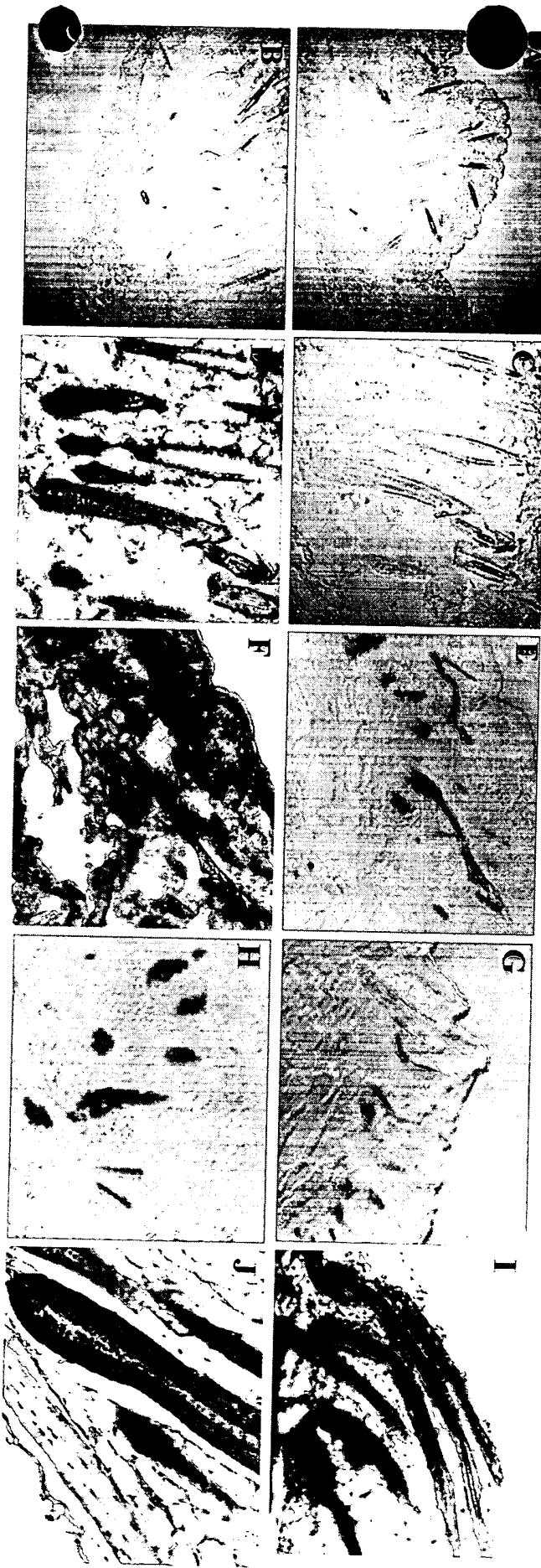


FIG. 2



FIG. 3

FIG. 4



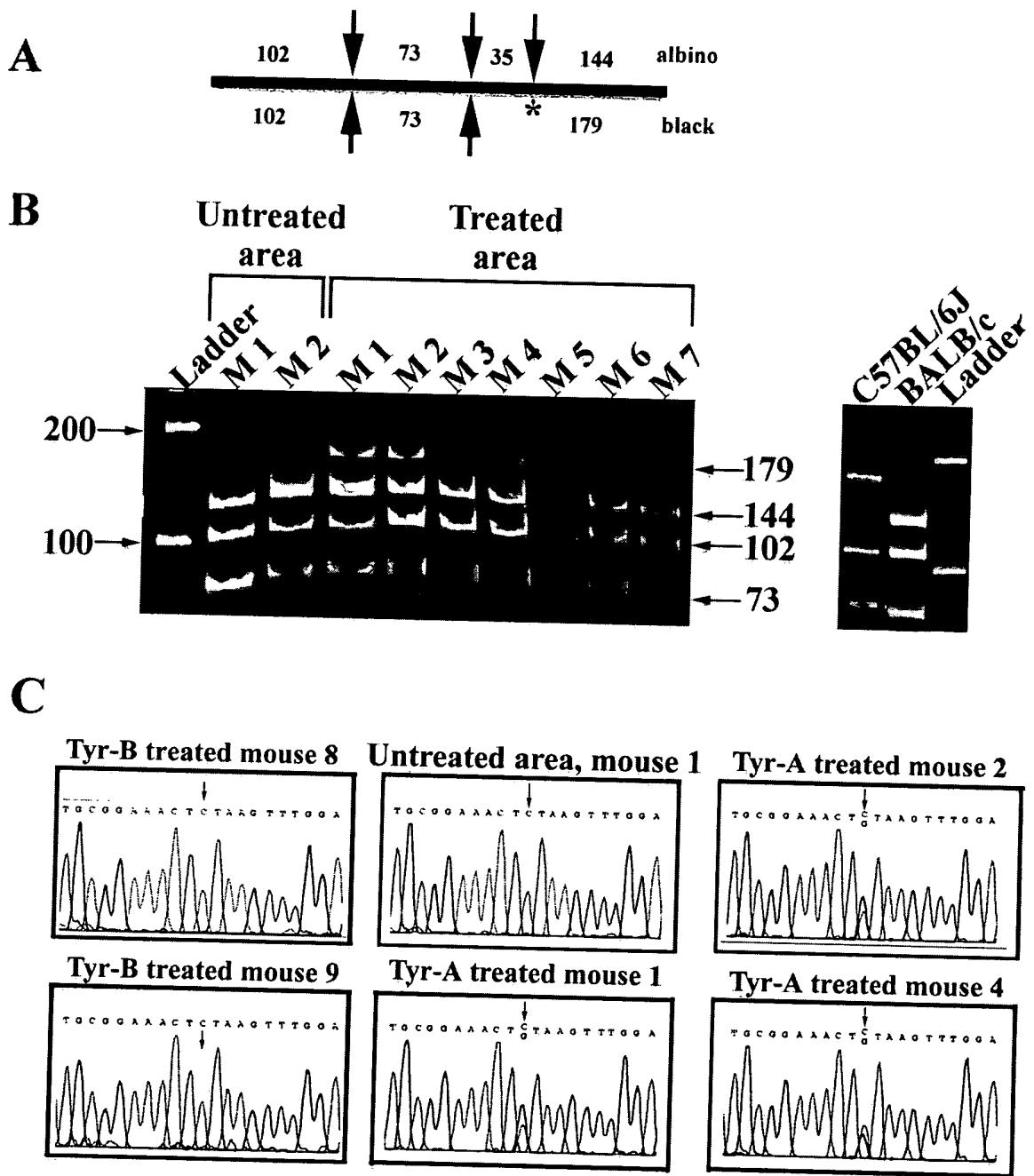


FIG. 5



FIG. 6

FIG. 7